

CLAIMS:

1. Lighting unit, comprising a first light element formed as a conventional light source, a second light element formed as a plurality of LEDs and a lamp cap, characterized in that the second light element is formed as a separate LED-module with a fitting and a second lamp cap whereby the first and the second light elements are removably attached via the fitting and the second lamp cap, the fitting and second lamp cap providing electrical and mechanical connection between both light elements.
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2. Lighting unit according to claim 1, characterized in that the LED module is provided with a number of protruding elements, which are evenly distributed around the housing of the module, and that the protruding elements comprise a plurality of LEDs.
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3. Lighting unit according to claim 2, characterized in that the LEDs of the lighting unit are positioned symmetrically relating to the rotational axis defined by the structure of the cap and the fitting of the LED module.
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4. Lighting unit according to claim 3, characterized in that the protruding elements can rotate around the rotational axis with respect to the housing.
5. Lighting unit according to claim 4, characterized in that the housing comprises diffuser elements.
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6. Lighting unit according to claim 1, characterized in that the LED module comprises at least two types of LEDs emitting in operation radiation with a different wavelength, and that the types of LEDs can be activated independently.
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7. Light unit according to claim 1, characterized in that the first light element can be dimmed.

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8. Light unit according to claim 1, characterized in that the second light element can be dimmed.

9. Light unit according to claim 7 or 8, characterized in that the dimming can be
5 effected by means of remote control.

10. LED module suitable for use in a lighting unit according to one of the preceeding claims.